

**bs-24384R****[ Primary Antibody ]****SARS-CoV-2 Spike Protein S1 Rabbit pAb**

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> ELISA (1:5000-10000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> (predicted: 2019-nCoV)
<b>Target:</b> SARS-CoV-2 Spike Protein S1		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from 2019-nCoV Spike Protein S: 21-120/1273. < Extracellular >		
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 140/65 kDa
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4°C.		
<b>Background:</b> The SARS-CoV-2 spike (S) protein is the target of vaccine design efforts to end the COVID-19 pandemic. Despite a low mutation rate, isolates with the D614G substitution in the S protein appeared early during the pandemic, and are now the dominant form worldwide. Here, we analyze the D614G mutation in the context of a soluble S ectodomain construct.		

**— SELECTED CITATIONS —**

- **[IF=12.6]** Songtao Hu. et al. Highly hydrostable and flexible opal photonic crystal film for enhanced up-conversion fluorescence sensor of COVID-19 antibody. BIOSENS BIOELECTRON. 2023 Oct;237:115484 Other ;. 37352761